

INTERNATIONAL SEARCH REPORT

IB2004/002547

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L2/10 B01D1/10 B01D1/12 B01D1/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 686 375 A (MOJONNIER BROS CO) 21 January 1953 (1953-01-21)	1, 4
Y	the whole document	2, 3
X	WO 91/01654 A (ROSSI & CATELLI SPA) 21 February 1991 (1991-02-21)	1, 4
Y	claims 1-4, 8; figure 1 page 1, paragraph 1 page 3, paragraph 3 - page 5, paragraph 3 page 6, line 5 - page 7, line 6	2, 3
X	GB N17145A (CHAPMAN ALFRED) 27 July 1914 (1914-07-27)	1
Y	page 1, paragraph 2 - page 2, paragraph 2; figure 1	2, 3
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

3 November 2004

Date of mailing of the international search report

18/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 197846 Derwent Publications Ltd., London, GB; Class D15, AN 1978-82952A XP002303847 & JP 53 116272 A (HITACHI SHIP & ENG CO LTD) 11 October 1978 (1978-10-11)	1
Y	abstract	2,3
Y	----- GB 937 623 A (BADGER CO) 25 September 1963 (1963-09-25) page 1, line 24 - page 2, line 105; figure 1	2,3
Y	----- GB 669 928 A (ENGLISH ELECTRIC CO LTD) 9 April 1952 (1952-04-09) page 1, lines 9-16,58 - page 2, line 60; claims 1-8; figure 1 -----	2,3

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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WO 9101654	A	21-02-1991	IT 1231497 B 07-12-1991 AR 246169 A1 29-07-1994 AT 96622 T 15-11-1993 BR 9007585 A 30-06-1992 CA 2064684 A1 12-02-1991 DE 69004435 D1 09-12-1993 DE 69004435 T2 14-04-1994 DK 486527 T3 14-03-1994 WO 9101654 A1 21-02-1991 EP 0486527 A1 27-05-1992 ES 2046792 T3 01-02-1994 JP 3045305 B2 29-05-2000 JP 4507343 T 24-12-1992 MX 171812 B 16-11-1993 PT 94941 A ,B 18-04-1991 TR 24667 A 01-03-1992 US 5415732 A 16-05-1995 ZA 9005923 A 26-06-1991
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